



Our Ref. No.: 005882.P050

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:)
 Woo Jin Lee et al.,) Examiner: Jennifer Doan
 Serial No. 10/678,573) Art Unit: 2874
 Filed: October 3, 2003)
 For: **METHOD FOR MANUFACTURING**)
 OPTICAL WAVEGUIDE USING)
 LASER DIRECT WRITING METHOD)
 AND OPTICAL WAVEGUIDE)

Commissioner For Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

DECLARATION OF WOO JIN LEE

Woo Jin Lee declares as follows:

1. I am one of the named inventors in the above-identified application.
2. I am also one of the named authors of the document entitled "Improved Bending Loss of Laser Written Optical Waveguide" presented at the Photonics Conference 2002, a copy of which is attached hereto as Exhibit 1.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: Aug. 10, 2005 Woo Jin Lee
 WOO JIN LEE



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Woo Jin Lee et al.,

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) Examiner: Jennifer Doan

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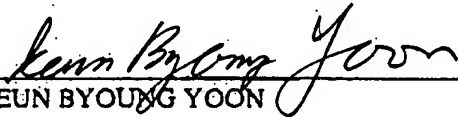
Commissioner For Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

DECLARATION OF KEUN BYOUNG YOON

Keun Byoung Yoon declares as follows:

1. I am one of the named inventors in the above-identified application.
2. I am also one of the named authors of the document entitled "Improved Bending Loss of Laser Written Optical Waveguide" presented at the Photonics Conference 2002, a copy of which is attached hereto as Exhibit 1.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: 10/Aug, 2005
KEUN BYOUNG YOON



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LASER DIRECT WRITING METHOD)
AND OPTICAL WAVEGUIDE)

Commissioner For Patents
P.O. Box-1450
Alexandria, Virginia 22313-1450

DECLARATION OF MYUNG YUNG JEONG

Myung Yung Jeong declares as follows:

1. I am one of the named inventors in the above-identified application.
2. I am also one of the named authors of the document entitled "Improved Bending Loss of Laser Written Optical Waveguide" presented at the Photonics Conference 2002, a copy of which is attached hereto as Exhibit 1.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: August 18, 2005



MYUNG YUNG JEONG



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LASER DIRECT WRITING METHOD)
AND OPTICAL WAVEGUIDE)

Commissioner For Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

DECLARATION OF SEUNG HO AHN

Seung Ho Ahn declares as follows:

1. I am one of the named inventors in the above-identified application.
2. I am also one of the named authors of the document entitled "Improved Bending Loss of Laser Written Optical Waveguide" presented at the Photonics Conference 2002, a copy of which is attached hereto as Exhibit 1.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: Aug. 10, 2005


SEUNG HO AHN